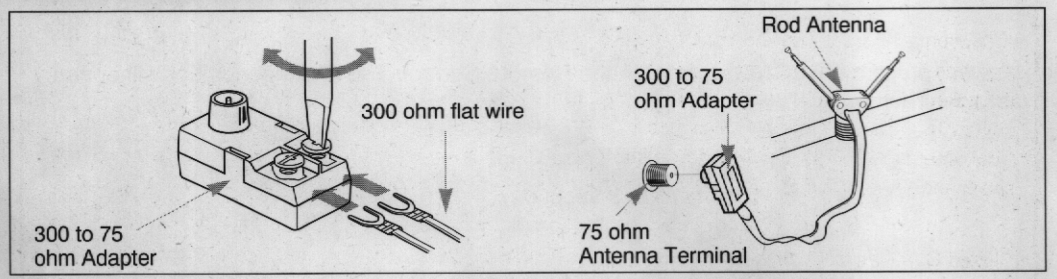
Antenna connection

Indoor antenna



1. Insert a rod antenna into the mounting hole located on the upper side of the television. Connect the 300 ohm flat wire to a 300 to 75 ohm antenna adapter.
2. Connect the 300 to 75 ohm antenna adapter to 75 ohm antenna terminal.

Outdoor antenna

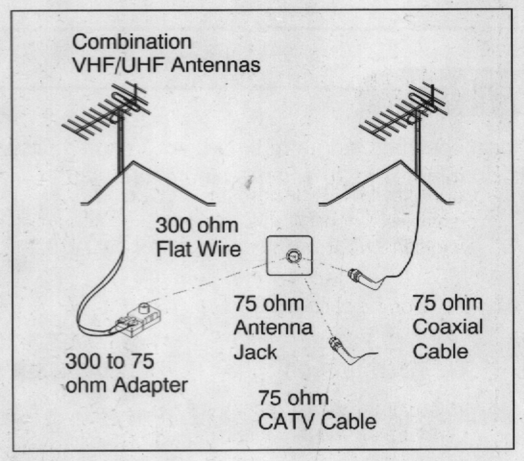
For the best reception, an outdoor antenna is recommended.
Severely weathered antennas and antenna cables can reduce the signal quality. Inspect the antenna and cable before connecting the TV set. A local service center can explain the various outdoor antennas which are available to you.

300 Ohm Flat Wire

1. Connect the 300 ohm flat wire to the screws on the 300 ohm to 75 ohm adapter.
2. Push the end of 300 ohm to 75 ohm adapter into 75 ohm antenna jack.

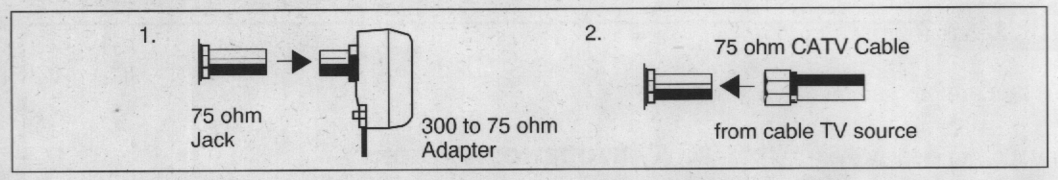
75 Ohm Coaxial Cable

1. Connect the 75 ohm coaxial cable directly to the 75 ohm antenna jack.



CATV cable

If you subscribe to a cable television, change the antenna connection as described below.



1. Remove the 300 to 75 ohm adapter or the 75 ohm antenna cable from the set.
2. Connect the CATV cable (75 ohm coaxial cable) to the 75 ohm antenna jack.

Cable TV

If certain channels are scrambled, you will have to use a channel converter (Supplied by cable company). TV must be on channel 3 or 4 to match the channel converter output.
This TV is designed to receive a total of 181 channels.
Select the **CABLE** mode by using the **FUNCTION** or **SET-UP** button and **VOLUME +(up)/-(down)** buttons.
CABLE will be displayed at the upper right corner of the TV screen. Then select the desired CATV channel as you would a broadcast channel which is the **AIR** Mode.
In the **AIR** mode, this TV will receive

VHF Channels 2-13
UHF Channels 14-69

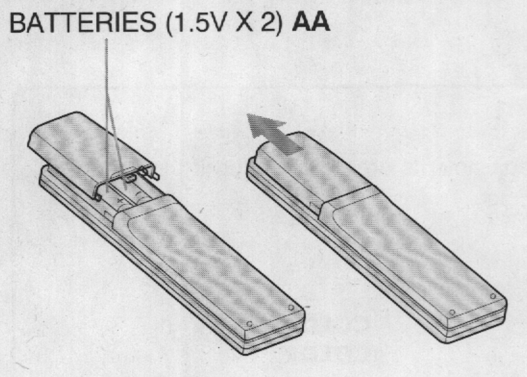
In the **CABLE** mode, it will receive

Channels 1-125

Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Batteries



The Remote Control is powered by batteries. Batteries should be changed after approximately one year's use to ensure continued good performance.

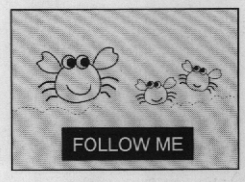
- Remove the battery compartment lid by sliding it in the direction of the arrow.
- Remove the batteries and insert two type AA.
  NOTE : For correct polarity, refer to the diagram in the battery compartment.
  WARNING : Batteries installed with incorrect polarity may leak and damage your remote. Do not mix batteries old and new, carbon and alkaline types.

Closed caption and Text

Caption

A caption is a printed version of the dialogue or sound effects of program. Captions can be prepared for any type of television program (e.g., news reports, presidential speeches, sports, drama or live programs, etc.). Because most TV programs are pre-recorded, captions can be produced in advance allowing caption editors to proofread for correct captions. It is also possible to create captions by using a process called "real-time captioning". Real-time captioning is usually done by professional reporters using a machine shorthand system and a computer to translate their shorthand into English words.

Closed Captions are hidden in the TV broadcast signals, and cannot be seen without a decoder similar to that which is built into your new television set. The picture below shows a typical caption.



Your television is designed to provide error free closed captions from high quality antenna, cable and VCR signals, but poor quality signals are likely to result in caption errors or no captions at all. Common signal conditions which will normally cause caption errors are listed below:

- Poorly recorded VCR Tape
- Poorly tuned VCR channel recording
- Multipath signal reception displaying Picture ghosts or airplane flutter
- Automobile ignition noise
- Electric motor brush noise
- Weak snowy picture

NOTE

- Some TV programs may not be broadcast with closed caption signals, and therefore your TV will not be able to display captions.

Text

Text is the information that is presented using the television screen. It is not usually related to the program on the TV station. Text services give a wide variety of information on several subjects (ex. captioned program lists, a weather forecast, stock exchange, news for hearing-impaired persons, or general wire-service news etc.) through the TV screen.
A station can provide two different text services at the same time; one on each channel. Also, text information is not offered by all stations. Many stations providing captions do not also provide text services.

Operating the caption and text

To use the captions or text, follow these steps.

DECODER
⇒ ON
OFF

(ENGLISH MODE)

DECOFICADOR
⇒ ENCENDIDO
APAGADO

(SPANISH MODE)

1 Press the **CAPTION** button of the remote control or press the **FUNCTION** button of the front panel of the TV until **DECODER** is displayed.

Press the **VOLUME +(UP)** or **-(DOWN)** button to select the **ON** or **OFF**.

NOTE

- To turn off captioning or a text, press the **CAPTION** button repeatedly until you see the **ON/OFF** choices. Select the **OFF** by pressing the **VOLUME +(UP)** or **-(DOWN)** button.
- The TV is programmed to remember which MODE it was last set to, even if you switch POWER off.

DECODER MODE
⇒ CAPTION
TEXT

(ENGLISH MODE)

DECOFICADOR MODO
⇒ CAPTACION
TEXTO

(SPANISH MODE)

2 Press the **CAPTION** button of the remote control or press the **FUNCTION** button of the front panel of the TV until the **DECODER MODE** is displayed.

Press the **VOLUME +(UP)** or **-(DOWN)** button to select **CAPTION** or **TEXT**.

NOTE: The arrow indicates the selected mode.

MODE SELECTION
⇒ MODE 1
MODE 2

(ENGLISH MODE)

SELEC. MODO
⇒ MODO 1
MODO 2

(SPANISH MODE)

3 Press the **CAPTION** button of the remote control or press the **FUNCTION** button of the front panel of the TV until the **MODE SELECTION** is displayed.

Press the **VOLUME +(UP)** or **-(DOWN)** button to select **MODE 1** or **MODE 2**.

NOTE

- TV stations can transmit two different caption services or the text services provide two different types of information simultaneously, each on its own separate MODE setting.
- If the text signal is weak, a blank black box will fill up the screen. This black box will quickly disappear. This is not an indication that something is wrong with the set.

TV Troubles?

CHECK THESE THINGS	No power	No picture or sound	Poor picture but good sound	Poor reception	Lines in picture	Ghosts (multiple images)	Remote control does not work	Cannot tune desired channel
Is power cord plugged in	●							
Is television turned on	●							
Check batteries in remote control	●						●	
Try another channel ([illegible]ation trouble)		●	●	●	●	●		●
Check antenna connectings		●	●	●	●	●		
Check for local interference			●	●	●	●		
Adjust the antenna			●	●	●	●		
Adjust the picture control			●	●	●	●		
Program channel using AUTO PRO[illegible]RAM			●	●	●	●		●
Check mode of CABLE or AIR in SET-UP mode.								●

Safety precaution

This symbol alerts the user to the presence of "dangerous voltage" inside the product that might cause harm or electric shock.	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN **CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol alerts the user to important instructions in the literature.

WARNING: **TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.**

CAUTION : **THE USER THAT CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.**

POWER SUPPLY : This set operates on 120V 60Hz, AC power only. Plug the AC power cord of the switched off set into the nearest AC power outlet.
Please consult your dealer before connecting your set, if you do not know the AC voltage in your area, as incorrect voltage might damage your set.

INSTALLATION : This set is designed to operate only from the power source indicated on the set. Care should be exercised in not exposing your unit to any unnecessary jarring, moisture, dust, direct sun light or heat source.
Select a place for this set so as to minimize the length of antenna lead and power cord.
Allow a space between the set and wall so that the chassis components are properly ventilated. Do not cover ventilation slots on the top or back of the set or place the set on any soft material which could affect ventilation at bottom of the set.

POLARIZED PLUG : This television set is equipped with a polarized plug (a plug having one blade wider than the other).
This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. Do not defeat the safety feature of the plug.

SERVICE : Do not attempt to service this television set yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

GoldStar

COLOR TV
OWNER'S MANUAL

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely.

Purchased
6/9/96
Sams | Manhattan

OWNER'S RECORD

The model and serial numbers are located at the rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your dealer regarding this product.

Model No. ______________________

Serial No. ______________________

GOLDSTAR TV
LIMITED WARRANTY

LG Electronics U.S.A., Inc. will repair or at its option replace, without charge, your product which proves to be defective in material or workmanship under normal use, during the warranty period listed below from the date of original purchase. This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S. including Alaska, Hawaii and U.S. Territories.

WARRANTY PERIOD

MODEL #	LABOR	PARTS	HOW SERVICE IS HANDLED
	1 Year	1 Year CRT 2 Year	Call 1-800-243-0000, Option #1 24-hrs a day, 7 days per week, please have your product type (Monitor, TV, VCR) and zip code ready. 25" and above, In home service 21" and under, carry in service

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS U.S.A., INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY APPLICABLE TO THIS PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

THE ABOVE WARRANTY DOES NOT APPLY :

- To damages or problems which result from delivery or improper installation.
- To damages or problems which result from misuse, abuse, accident, alteration, or incorrect electrical current or voltage.
- To service calls, which do not involve defective workmanship or material, such as head cleaning and explaining the operation of the unit.

Therefore these costs are paid by the consumer.

CUSTOMER ASSISTANCE NUMBERS :

To Prove Warranty Coverage: — Retain your Sales Receipt to prove date of purchase. Copy of your Sales Receipt must be submitted at the time warranty service is provided.

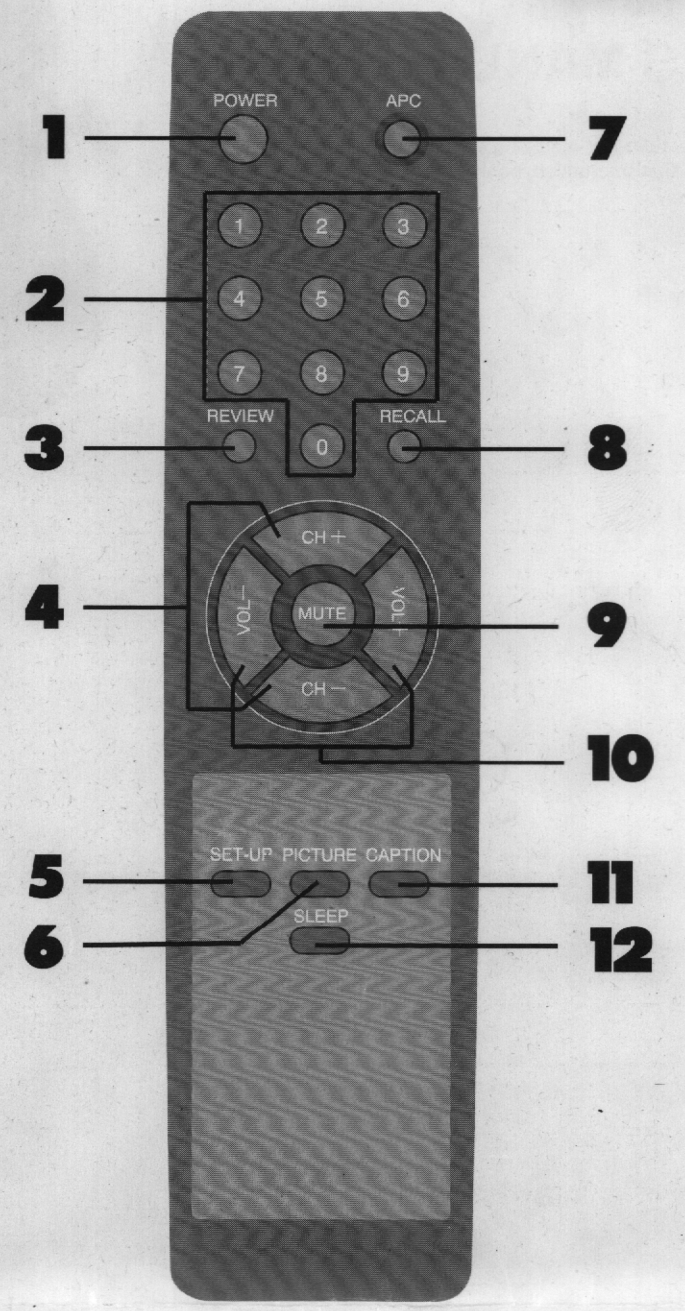
To Obtain Product, Customer or Service Assistance: — Call 1-800-243-0000 (Mon-Fri 7am-7pm CST) Push appropriate menu code.

To Obtain Nearest Authorized Service Center, Parts Distributor or Sales Dealer: — Call 1-800-243-0000, Push option #1 24 hrs a day, 7 days per week, please have your product type (Monitor, TV, VCR) and zip code ready.

P/N 482-H59C ⓐ (482-652B, 486-135H)
Printed in Korea

Remote control A

BUTTONS



1 POWER BUTTON
Press once to switch the TV on. Press again to switch the TV off.

2 CHANNEL SELECTION BUTTONS
Select the desired channel directly by pressing buttons **0** through **9**.

3 REVIEW BUTTON
Press this button to watch the previously viewed channel .

4 CHANNEL +(UP)/-(DOWN) BUTTONS
Press the **CHANNEL +(UP)/-(DOWN)** buttons to scan through the memorized channels.

5 SET-UP BUTTON
Press this button to obtain the various functions in the TV mode.

6 PICTURE BUTTON
Press this button to select picture element (contrast, brightness, color, tint or sharpness) for adjustment.

7 APC BUTTON
Press this button to select the factory preset.

8 RECALL BUTTON
Press this button to check the current channel number.
Also, press this button to clear the on-screen display.

9 MUTE BUTTON
Press once to turn the volume [illegible]
Press again to restore the volume[illegible]
(SPANISH MODE on-screen : **SILENCIO**)

10 VOLUME +(UP)/-(DOWN) BUTTONS
Press the **VOLUME +(UP)** button to increase volume and the **VOLUME -(DOWN)** button to lower volume.
(SPANISH MODE on-screen : **VOLUMEN**)

11 CAPTION BUTTON
Press this button to obtain the **CAPTION** or **TEXT** function, Mode Selection Decoder.

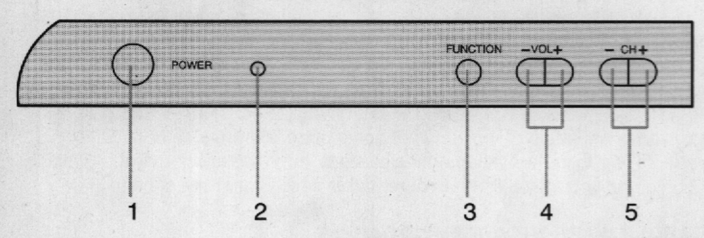
12 SLEEP BUTTON
Press this button to set the sleep-timer.

NOTE

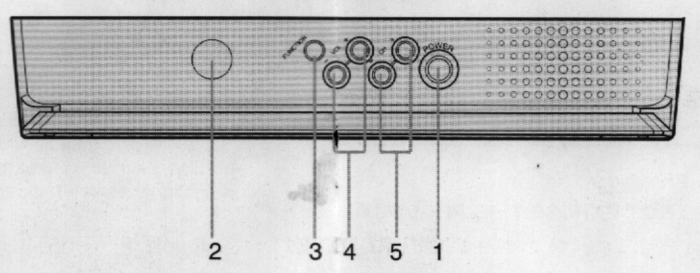
Large numbers shown on the instruction refer to the numbers of above.

Front panel B

GCT1304M/N
GCT1904M/N



GCT1356M
GCT1356MW
GCT1956M



1. **POWER BUTTON**
   Press to turn on or turn off the TV.
2. **REMOTE CONTROL SENSOR**
3. **FUNCTION BUTTON**
   Use this button to obtain the various functions.
4. **VOLUME +(UP)/-(DOWN) BUTTONS**
   Press the **VOLUME +(UP)** button to increase volume, and the **VOLUME -(DOWN)** button to lower volume. Also use these buttons to adjust the desired picture and mode in the selected function.
5. **CHANNEL +(UP)/-(DOWN) BUTTONS**
   Press the **CHANNEL +(UP)** button to scan up through memorized channels, and the **CHANNEL -(DOWN)** button to scan down through memorized channels.

TV operation C

Language selection

You can select the **ENGLISH** or **SPANISH** mode by the following procedure.

1. Press the **SET-UP** button of the remote control or the **FUNCTION** button of the front panel of the TV until **LANGUAGE** (**IDIOMA**) mode is displayed.
2. Press the **VOLUME +(UP) or -(DOWN)** button to obtain the desired language (ENGLISH or SPANISH).

LANGUAGE
⇒ ENGLISH
ESPAÑOL

(ENGLISH MODE)

IDIOMA
ENGLISH
⇒ ESPAÑOL

(SPANISH MODE)

Air/Cable selection

This TV is designed to receive a total of 181 channels. You can watch AIR or CABLE TV by selecting **AIR** or **CABLE** mode.

1. Press the **SET-UP** button until the **INPUT SELECTION** (**SELEC. ENTRADA**) mode is displayed.
2. Press the **VOLUME +(UP)** or **-(DOWN)** button to select the AIR or CABLE. The arrowhead indicates the selected mode.
3. Wait for the screen to be automatically clear.
4. Select your desired channel number with the CHANNEL SELECTION **(0-9)** buttons on the Remote Control or the **CHANNEL +(UP)/-(DOWN)** buttons on either the TV SET or Remote Control.

INPUT SELECTION
⇒ AIR
CABLE

(ENGLISH MODE)

SELEC. ENTRADA
⇒ TV
CATV

(SPANISH MODE)

Auto channel programming

The auto channel programming function sets up your TV to skip channels not active in your area. Follow the steps below when you use the TV for the first time, when the set has been unplugged for hours, or whenever necessary. To memorize the CABLE channels, change the TV to CABLE mode.

1. Press the **SET-UP** or **FUNCTION** button continuously until **AUTO PROGRAM**(**AUTO PROGRAMACION**) appears.
2. Press the **VOLUME +(UP)** or **-(DOWN)** button, and the TV automatically scans and memorizes all active channels in your area.

AUTO PROGRAM

(ENGLISH MODE)

AUTOPROGRAMACION

(SPANISH MODE)

TO STOP THE AUTO PROGRAM:
Press any button on the Remote Control or TV set.

Manual channel programming

To delete or add a channel:
If you want to delete or add a channel, follow these steps :

1. In the TV mode, select the **AIR** or **CABLE**.
2. Press the **CHANNEL +(UP)/-(DOWN)** buttons on the TV SET or Remote Control to select the channel that you wish to delete or select a channel that you wish to add with number buttons on the Remote control.
3. Press the **SET-UP** button until **ADD/DELETE**(**ANADIR/BORRE**) is displayed.
4. Press the **VOLUME +(UP)** or **-(DOWN)** button to select **DELETE** or **ADD**.
5. Wait for the screen to be automatically clear.
6. You can now use the **CHANNEL +(UP)/-(DOWN)** buttons to change channels.

CH 10 AIR
ADD
⇒ DELETE

(ENGLISH MODE)

CANAL 10 TV
ANADIR
⇒ BORRE

(SPANISH MODE)

Review

This feature allows you to quickly alternate between two channels with a simple touch of the **REVIEW** button on the Remote Control.

Example : 1) You are watching channel 2.

2) You decide to see what is on channel 11, so you press "**1**" button on the Remote Control twice to go to channel 11.

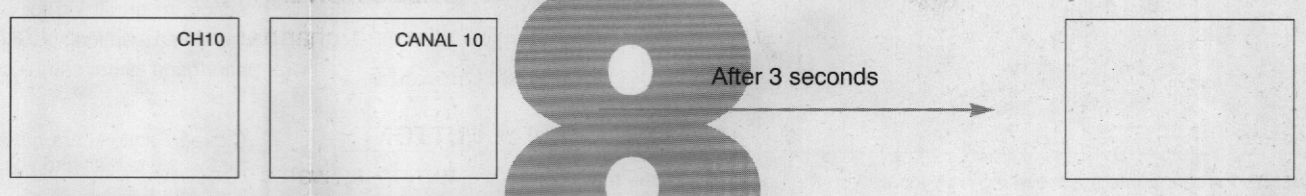
3) Then, you decide to return to the channel you were viewing, so you press the **REVIEW** button.

4) If you like, you can alternate between these channels with repeated presses of the **REVIEW** button.

TV operation C

Recall

To determine channel currently being viewed, press the **RECALL** button on the Remote Control. The channel number will appear on the screen. After 3 seconds, it will disappear automatically.

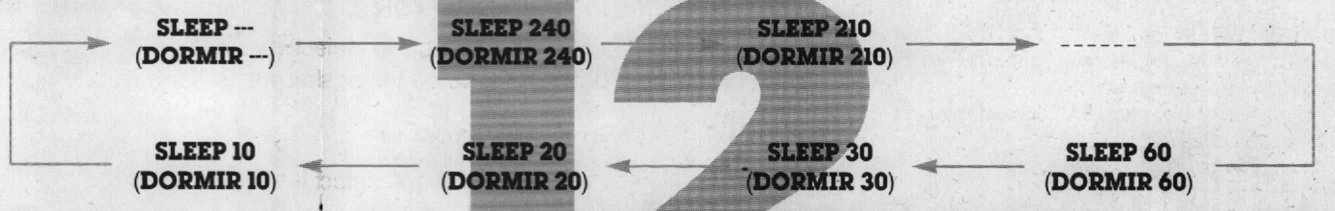


(ENGLISH MODE) **(SPANISH MODE)**

When setting the on screen display, if you wish to clear the on screen, press the **RECALL** button.

Setting the Sleep-Timer

The sleep-timer lets you watch TV for a specified length of time before shutting itself OFF. Pressing the **SLEEP** button repeatedly will count down from a maximum of 240 minutes in 30 and 10 minute intervals.



If you don't press the **SLEEP** button within 3 seconds when a SLEEP time is displayed on the screen, the television will be set to that SLEEP time.
To check the sleep-timer setting, press the **SLEEP** button.
You can adjust SLEEP time again while the SLEEP time is still on-screen.
To stop sleep-timer, Press the **SLEEP** button until **SLEEP** --- is displayed.

Auto demonstration

This function is to display the menus that are programmed into this TV SET.

1. Press the **SET-UP** button continuously to display the **AUTO DEMO**(**AUTODEMOSTRACION**).
2. Press the **VOLUME +(UP)** or **-(DOWN)** button and the demonstration will start.

   The function of each menu will be displayed on-screen.
   When the demonstration completes, it will start again from the beginning.

   TO STOP THE AUTO DEMONSTRATION:
   Press any button on the Remote Control or TV set.

AUTO DEMO.

(ENGLISH MODE)

AUTODEMOSTRACION

(SPANISH MODE)

Picture adjustment D

Auto picture control

When the **ON** of the **PICTURE RESET** is selected, your TV will show in the factory preset picture level.

1. Press the **APC** button, and the on-screen will appear.
2. Press the **APC** button to select the "**ON**" or "**OFF**" mode.

PICTURE RESET
ON

(ENGLISH MODE)

ENCENDIDO DE APC

(SPANISH MODE)

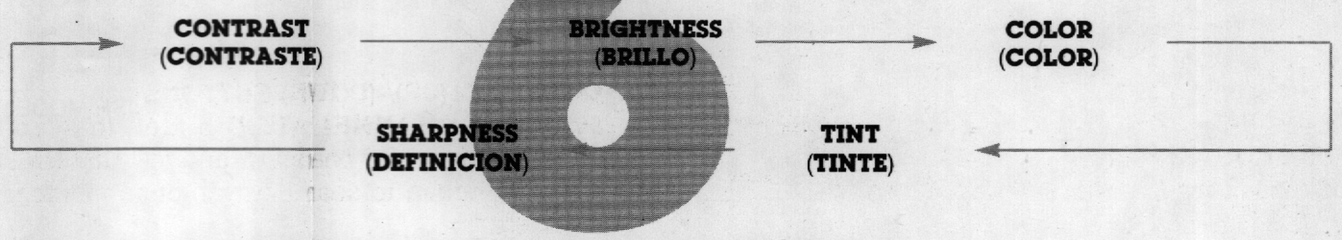
NOTE

- In the **ON** of the **PICTURE RESET** state, if you adjust the picture levels on the screen manually, **ON** will be changed to **OFF** automatically.

Manual picture control

You may adjust the picture levels of the screen manually at any time, but these adjustments are not required if the picture is satisfactory.

1. Press the **PICTURE** button continuously until the desired control is displayed.



2. Adjust the selected control level by pressing the **VOLUME +(UP)/-(DOWN)** buttons.